



Behavioral dimensions of climate change: Drivers, responses, barriers, and interventions

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Abstract:

This overview describes the anthropogenic drivers of global climate change, reviews the behavioral and psychological responses to its impacts (including barriers to behavior change), considers behavior-focused intervention strategies, and suggests future directions for research. In doing so, it demonstrates why and how behavioral science is crucial for confronting the complex challenges posed by global climate change. The human dimensions of climate change are discussed, followed by descriptions of key theoretical models for explaining and predicting climate-relevant behavior, issues and distinctions in studying human behavior in response to global climate change, an account of psychological (as opposed to structural) adaptation and its behavioral sequelae, the many psychological barriers to behavior change in this context, and behavior-focused intervention strategies. The overview concludes with suggestions for researchers interested in advancing knowledge about behavior change and psychological responses to climate change. When knowledge about human behavior, cognitions, and psychological adaptation is integrated with that produced by researchers in related social and natural science disciplines, the result will facilitate solutions to this massive shared challenge.

Source: <http://dx.doi.org/10.1002/wcc.143>

Resource Description

Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

Communication Audience:

audience to whom the resource is directed

Public

Exposure :

weather or climate related pathway by which climate change affects health

Unspecified Exposure

Geographic Feature:

Climate Change and Human Health Literature Portal



resource focuses on specific type of geography

None or Unspecified

Geographic Location:

resource focuses on specific location

Global or Unspecified

Health Impact:

specification of health effect or disease related to climate change exposure

Health Outcome Unspecified

Intervention:

strategy to prepare for or reduce the impact of climate change on health

A focus of content

Mitigation/Adaptation:

mitigation or adaptation strategy is a focus of resource

Adaptation, Mitigation

Resource Type:

format or standard characteristic of resource

Research Article, Research Article, Review

Resilience:

capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function

A focus of content

Timescale:

time period studied

Time Scale Unspecified